

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Previously Presented) An object catch bin comprising:
a back stop;
a tray angularly disposed to the back stop, the tray pivotal about the vertex of the tray and the back stop; and
bias means for resisting pivoting of the tray and yielding to the weight of objects caught by the tray.
2. (Original) The object catch bin of claim 1 wherein the tray and the back stop are fixed relative to each other.
3. (Original) The object catch bin of claim 1 wherein the back stop is pivotal about the vertex of the tray and back stop.
4. (Original) The object catch bin of claim 1 further comprising a base member for holding the tray.
5. (Original) The object catch bin of claim 4 wherein the bias means is disposed between the tray and the base member.
6. (Original) The object catch bin of claim 1 further including a hinge attached to the tray for pivoting the tray about the vertex of the tray and the back stop.
7. (Currently Amended) The object catch bin of claim 1 further including a conveyor means for projecting and dropping an object into the tray.
8. (Previously Presented) An object catch bin comprising;
a tray disposed to catch objects, the tray having an edge and pivotal about the edge;
bias means for resisting pivoting of the tray about the edge and yielding to the weight of objects caught by the tray; and
a back stop for catching objects within the tray.

9. (Original) The object catch bin of claim 8 wherein the back stop is attached to the tray.

10. (Previously Presented) The object catch bin of claim 8 wherein the back stop does not pivot with the tray.

11. (Original) The object catch bin of claim 8 further comprising a base member for holding the tray.

12. (Previously Presented) The object catch bin of claim 11 wherein the bias means is disposed between the base member and the tray.

13. (Original) The object catch bin of claim 8 further including a hinge attached to the tray for pivoting the tray about the edge of the tray.

14. (Currently Amended) The object catch bin of claim 8 further including conveyor means for projecting and dropping an object into the tray.

15-18. (Cancelled)

19. (Previously Presented) An object catch bin comprising:

a tray disposed to catch objects, the tray having an edge and pivotal about the edge;

bias means for resisting pivoting of the tray about the edge and yielding to the weight of objects caught by the tray; and

a back stop for catching objects within the tray, wherein the back stop does not pivot with the tray.

20. (New) The object catch bin of Claim 1 wherein the bias means extends below the tray and wherein the tray is configured to catch objects impacting the tray vertically above and over the bias means.

21. (New) The object catch bin of Claim 8 wherein the bias means extends below the tray and wherein the tray is configured to catch objects impacting the tray vertically above and over the bias means.

22. (New) An apparatus comprising:

a tray configured to catch objects falling as a result of gravity, wherein the tray is configured to pivot about an axis between a raised position and a lowered position;

a backstop coupled to the tray and configured to pivot with the tray; and

a bias resiliently biasing the tray towards the raised position and configured to yield to the weight of objects caught by the tray.

23. (New) The apparatus of Claim 22 further comprising a conveyer above the tray and configured to transport objects from above the tray onto the tray.

24. (New) The apparatus of Claim 22 wherein the bias extends beneath tray and wherein the tray is configured to catch objects impinging the tray over and above the bias.